



AMENDMENT UNDER 37 C.F.R. §1.116  
EXPEDITED PROCEDURE  
APPLN. NO. 10/522,135

DOCKET NO. Q85896

### **AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

#### **LISTING OF CLAIMS:**

1. (canceled).
2. (currently amended):      The security lighting apparatus as claimed in ~~Claim 1~~Claim 4, wherein the alert device issues the alert by repeatedly turning the illuminator on and off.
3. (currently amended):      The security lighting apparatus as claimed in ~~Claim 1~~Claim 4, wherein the alert device issues the alert in the form of sounds or in the form of a combination of blinking of the illuminator and sounds.
4. (currently amended):      A security lighting apparatus, which comprises:  
a human body detector for detecting a human body within a detection area;  
an illuminator for illuminating the detection area when a human body is detected;  
a time period setting device for setting a specific time period during which a security check must be made; and  
an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area.The

~~security lighting apparatus as claimed in Claim 1~~, wherein the time period setting device comprises:

- a sunset detecting unit for detecting sunset;
- a start time setting unit for setting a start time of the specific time period as a length of time passed subsequent to sunset;
- an end time setting unit for setting an end time of the specific time period as a length of time passed subsequent to sunset: and
- an elapsed time measuring unit for measuring a length of time passed from sunset.

5. (currently amended): A security lighting apparatus, which comprises:  
a human body detector for detecting a human body within a detection area;  
an illuminator for illuminating the detection area when a human body is detected;  
a time period setting device for setting a specific time period during which a security  
check must be made; and  
an alert device operable, when the human body is detected within the detection area  
during the specific time period, to issue an alert to an intruder entering the detection area.  
~~The security lighting apparatus as claimed in Claim 1~~, wherein the time period setting device comprises:

- a sunset detecting unit for detecting sunset;
- a sunrise detecting unit for detecting sunrise;

a start time setting unit for calculating a start time of the specific time period to a midtime by calculating such midtime between sunset and sunrise;

an end time setting unit for setting an end time of the specific time period as a length of time passed subsequent to the midtime; and

an elapsed time measuring unit for measuring a length of time passed from the midtime.

6. (currently amended): A security lighting apparatus, which comprises:  
a human body detector for detecting a human body within a detection area;  
an illuminator for illuminating the detection area when a human body is detected;  
a time period setting device for setting a specific time period during which a security  
check must be made; and  
an alert device operable, when the human body is detected within the detection area  
during the specific time period, to issue an alert to an intruder entering the detection area.~~The~~  
~~security lighting apparatus as claimed in Claim 1,~~ wherein the time period setting device  
comprises:

a sunset detecting unit for detecting sunset;  
a sunrise detecting unit for detecting sunrise;  
a past data accumulating unit for accumulating a predetermined number of past  
sunset/sunrise hours;

a start time setting unit for a start time of the specific time period to a midtime by calculating such midtime between sunset and sunrise, which is averaged from the sunset/sunrise hours contained in the past data;

an end time setting unit for setting an end time of the specific time period as a length of time passed from the midtime; and

an elapsed time measuring unit for measuring a length of time passed from the midtime.

7. (currently amended): The security lighting apparatus as claimed in ~~Claim 1~~Claim 4, wherein the time period setting device comprises:

a clock for clocking;

a start time setting unit for setting a start time of the specific time period; and

an end time setting unit for setting an end time of the specific time period.

8. (currently amended): A security lighting apparatus, which comprises:

a human body detector for detecting a human body within a detection area;

an illuminator for illuminating the detection area when a human body is detected;

a time period setting device for setting a specific time period during which a security check must be made; and

an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area.~~The~~

~~security lighting apparatus as claimed in Claim 1~~, wherein the time period setting device comprises:

a home return determining unit for determining a return of a house resident back to a house;

a start time setting unit for setting a start time of the specific time period as a confirmation hour at which it has been confirmed that all of house residents returned home;

an end time setting unit for setting an end time of the specific time period, as a length of time passed from the confirmation hour; and

an elapsed time measuring unit for measuring a length time passed from the confirmation hour.

9. (currently amended): The security lighting apparatus as claimed in ~~Claim 1~~Claim 4, further comprising at least a camera for taking a picture of the detection area when illuminating light from the illuminator blinks.

10. (currently amended): A security lighting apparatus, which comprises:  
a human body detector for detecting a human body within a detection area;  
an illuminator for illuminating the detection area when a human body is detected;  
a time period setting device for setting a specific time period during which a security check must be made; and

an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area.~~The security lighting apparatus as claimed in Claim 1,~~ wherein the time zone setting device comprises:

a home return determining unit for determining the return of a house resident back to a house, and

a start time setting unit for setting a start time of the specific zone as a confirmation hour at which it has been confirmed that all of house residents returned home.